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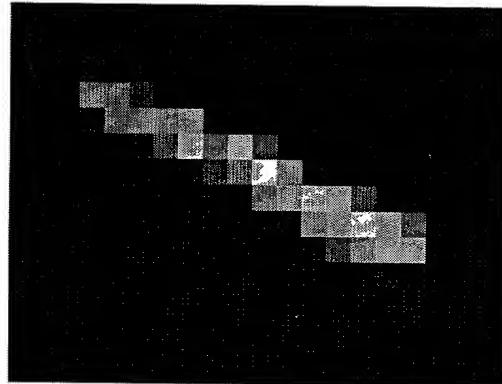


FIG. 1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

<u>For Binary Comparison:</u>	<u>For Full Intensity Comparison:</u>
Read number of detections in library image ($N_{library}$)	Read number of detections in library image ($N_{library}$)
Set the intensity of all above-zero pixels to a value of one above-threshold pixels ($\bar{I}_{library}$)	

FIG. 2

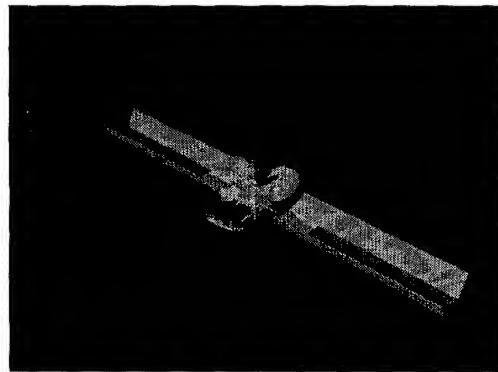


FIG. 3

<u>For Binary Comparison:</u>	<u>For Full Intensity Comparison:</u>
Determine number of detections of object image (N_{object})	Determine number of detections of object image (N_{object})
Offset origin of object image ($(\bar{X}_{\text{object}}, \bar{Y}_{\text{object}})$) to upper left corner = $(0, 0)$	Offset origin of object image ($(\bar{X}_{\text{object}}, \bar{Y}_{\text{object}})$) to upper left corner = $(0, 0)$
	Determine average pixel intensity of above-threshold pixels \bar{I}_{object})

FIG. 4

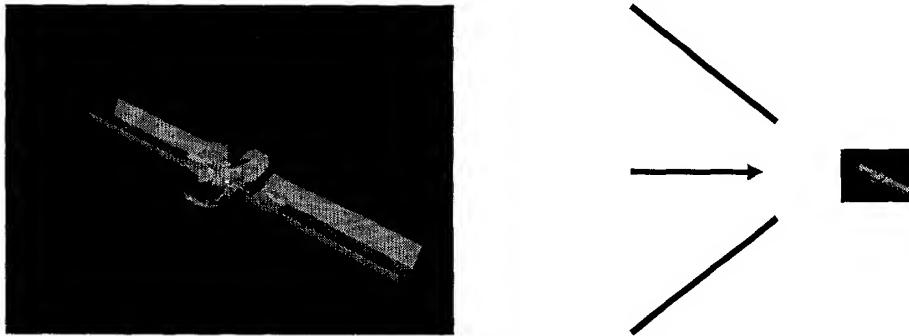


FIG. 5

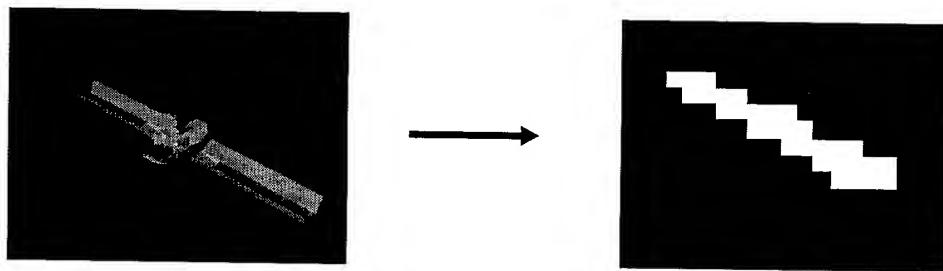


FIG. 6

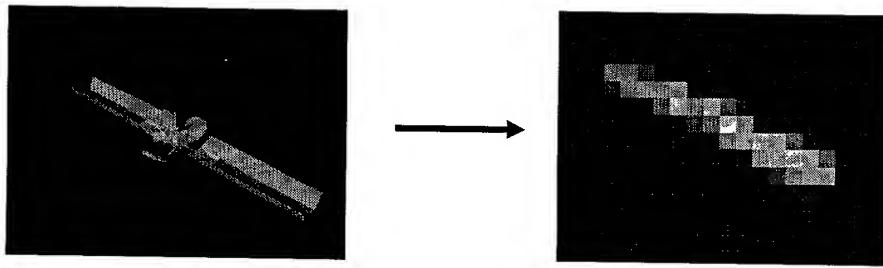


FIG. 7

1.000
0.500
0.000
-0.500
-1.000

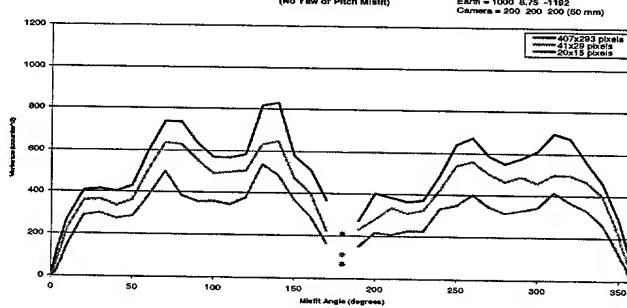
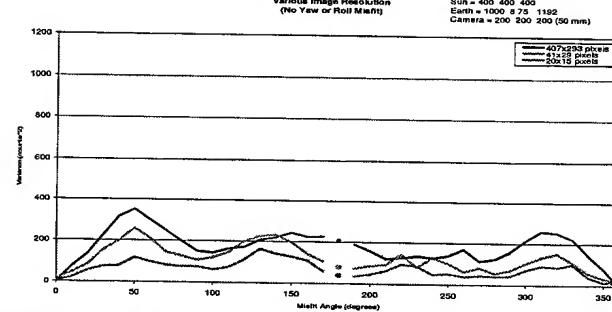
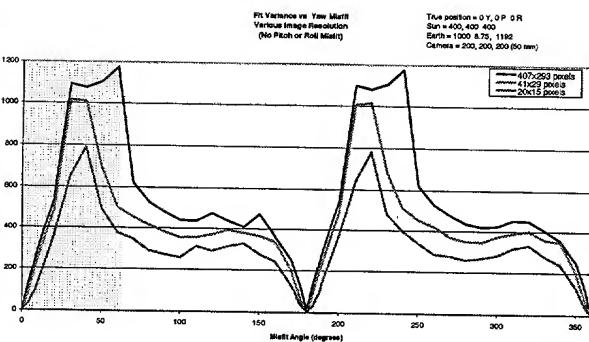


FIG. 8